

TRANSACTIONS
OF THE
AMERICAN SOCIETY OF CIVIL ENGINEERS

INDEX
VOLUME 125, PART II
1960

SUBJECT INDEX, PAGE 706
AUTHOR INDEX, PAGE 711

Titles of papers are in quotation marks when given with the
authors name.

VOLUME 125, PART II

SUBJECT INDEX

ASPHALT

- "Montgomery Dam with Asphaltic Concrete Deck," F. W. Scheidenhelm, John B. Snethlage, and Arthur N. Vanderlip (with discussion), 431.

CONSTRUCTION

- "Brownlee Sloping Core Dam," Torald Mundal (with discussion), 520.
"Cherry Valley Central Core Dam," H. E. Lloyd, O. L. Moore, and W. F. Getts (with discussion), 336.
"Dalles Closure Dam," Robert J. Pope (with discussion), 473.
"Dix River Dam," Lewis A. Schmidt, Jr. (with discussion), 1.
"Paradela Concrete Face Dam," Luis Henrique Gomes Fernandes, Edgard de Oliveira, and Nuno de Vasconcelos Porto (with discussion), 365.
"Salt Springs and Lower Bear River Concrete Face Dams," I. C. Steele and J. B. Cooke (with discussion), 74.
"Wishon and Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 587.

CORROSION AND PROTECTION OF METALS

- "Steel-Faced Dam," James L. Sherard, 465.

DAMS, ROCKFILL

- "Bersimis Sloping Core Dams," F. W. Patterson and D. H. Mac Donald (with discussion), 488.
"Brownlee Sloping Core Dam," Torald Mundal (with discussion), 520.
"Cherry Valley Central Core Dam," H. E. Lloyd O. L. Moore, and W. F. Getts (with discussion), 336.
"Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
Compressibility of rockfills, 141, 155.
"Dalles Closure Dam," Robert J. Pope (with discussion), 473.
"Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
"Derbendi Khan Dam," Calvin V. Davis (with discussion), 635.
"Design and Construction Problems," D. J. Bleifuss and James P. Hawke (with discussion), 275.
"Design of Cougar Central Core Dam," Paul Thurber (with discussion), 660.

- "Dix River Dam," Lewis A. Schmidt, Jr. (with discussion), 1.

- "Foundation Treatment of Paradela Dam," Walter J. Weyermann (with discussion), 419.

- "Kajakai Central Core Dam, Afghanistan," Glenn F. Sudman (with discussion), 301.

- "Kenney and Cheakamus Dams," William G. Huber (with discussion), 255.

- "Lemolo No. 1 Dam," J. C. Boyle and W. R. Barrows, 322.

- Listing, with statistics, 81, 696-699.

- "Montgomery Dam with Asphaltic Concrete Deck," F. W. Scheidenhelm, John B. Snethlage, and Arthur N. Vanderlip (with discussion), 431.

- "Mud Mountain Dam," Allen S. Cary (with discussion), 183.

- "Nantahala Sloping Core Dam," James P. Growdon (with discussion), 160.

- "Paradela Concrete Face Dam," Luis Henrique Gomes Fernandes, Edgard de Oliveira, and Nuno de Vasconcelos Porto (with discussion), 365.

- "Performance of Sloping Core Dams," James P. Growdon, (with discussion), 237.

- "Review and Statistics," John B. Snethlage, F. W. Scheidenhelm, and Arthur N. Vanderlip (with discussion), 678.

- "Salt Springs and Lower Bear River Concrete Face Dams," I. C. Steele and J. B. Cooke (with discussion), 74.
Sluicing effects, 139, 154.

- "Steel-Faced Dam," James L. Sherard, 465.

- "TVA Central Core Dams," George K. Leonard and Oliver H. Raine (with discussion), 190.

- Types of rockfill dams, 681.

- "Wishon and Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 587.

DAMS, ROCKFILL (Geographical)

Afghanistan

- "Design and Construction Problems," D. J. Bleifuss and James P. Hawke (with discussion), 275.

- "Kajakai Central Core Dam, Afghanistan," Glenn F. Sudman (with discussion), 301.

DAMS, ROCKFILL (Geographical)(continued)

Algeria

Bou Hanifia dam, 142, 440.

Ghrib dam, 441.

Iril-Emda dam, 441.

Oued-Sarno dam, 441.

Australia

Corella River dam, 620.

Leichhard River dam, 620.

Brazil

Furnas dam, 584.

Stacked filter at Brasilia, 360.

British Columbia

"Design and Construction Problems,"

D. J. Bleifuss and James P. Hawke (with discussion), 275.

"Kenney and Cheakamus Dams,"

William G. Huber (with discussion), 255.

La Jole dam, 297.

California

"Cherry Valley Central Core Dam,"

H. E. Lloyd, O. L. Moore, and W. F. Getts (with discussion), 336.

Cogswell dam, rainfall, 141.

"Cogswell and San Gabriel Dams,"

Paul Baumann (with discussion), 29.

Four dams compared with Paradela, 393.

"Lemolo No. 1 Dam," J. C. Boyle and W. R. Barrow, 322.

"Salt Springs and Lower Bear River

Concrete Face Dams," I. C. Steele

and J. B. Cooke (with discussion), 74

Salt Springs settlement, 266.

San Gabriel No. 2 settlement, 296.

"Wishon and Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 537.

Canada

Bersimis dam, 547.

"Bersimis Sloping Core Dams," F. W. Patterson and D. H. Mac Donald (with discussion), 488.

Chile

Caritaya dam, 440.

Cogoti dam during earthquakes, 296.

Colorado

"Montgomery Dam with Asphaltic Con-

crete Deck," F. W. Scheidenhelm,

John B. Snethlage, and Arthur N.

Vanderlip (with discussion), 431.

"Steel-Faced Dam," James L. Sher-

ard, 465.

Germany

Amecher dam, 441.

Genkel dam, 441

Henne dam, 441.

Schevelinger dam, 441.

Turawa dam, 442.

Idaho

"Brownlee Sloping Core Dam," Tor-

ald Mundal (with discussion), 520.

Iraq

"Derbendi Khan Dam," Calvin V.

Davis (with discussion), 635.

Italy

Diga di Codelago dam, 440.

Fedala dam, 441.

Japan

Ishibuchi dam, 119.

Makio dam, 654.

Miboro dam, 551.

Nozori dam, 126.

Kentucky

"Dix River Dam," Lewis A. Schmidt,

Jr. (with discussion), 1.

Listing, with statistics, 81, 696-699.

Mexico

Pinzanes dam, 116.

New Mexico

"Steel-Faced Dam," James L. Sher-

ard, 465.

North Carolina

"Dams with Sloping Earth Cores,"

James P. Growdon (with discus-

sion), 207.

"Nantahala Sloping Core Dam,"

James P. Growdon (with discus-

sion), 160.

"Performance of Sloping Core Dams,"

James P. Growdon (with discus-

sion), 237.

Oregon

"Brownlee Sloping Core Dam" Tor-

ald Mundal (with discussion), 520.

"Dalles Closure Dam," Robert J.

Pope (with discussion), 473.

"Design of Cougar Central Core

Dam," Paul Thurber (with discus-

sion), 660.

Philippine Islands

Binga dam, 231.

Portugal

"Foundation Treatment of Paradela

Dam," Walter J. Weyermann (with

discussion), 419.

"Paradela Concrete Face Dam," Luis

Henrique Gomes Fernandes, Edgard

de Oliveira, and Nuno de Vascon-

celos Porto (with discussion), 365.

Paradela lateral movement, 266.

Salazar dam, 397.

Vale Do Gato dam, 441.

Scotland

Quoich dam, 136.

South Africa

Mulungushi dam, 441.

Sweden

Messaure dam, 576.

Translet dam, 564.

Switzerland

Goschenen dam, 575.

Tennessee

"Performance of Sloping Core Dams,"

James P. Growdon (with discussion), 237.

- DAMS, ROCKFILL (Geographical)(continued)**
 "TVA Central Core Dams," George K. Leonard and Oliver H. Raine (with discussion), 190.
 Turkey
 Hirfanli dam, 227.
 Venezuela
 "Steel-Faced Dam," James L. Sherard, 465.
 Washington (State of)
 "Mud Mountain Dam," Allen S. Cary (with discussion), 183.
 Yugoslavia
 Vrla II dam, 441.
- DAMS, ROCKFILL (Name)**
 Amecher
 Asphaltic concrete deck, 441.
 Arghandab
 Diversion of flow, 286.
 Bear Creek
 "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
 Bersimis
 "Bersimis Sloping Core Dams," F. W. Patterson and D. H. Mac Donald (with discussion), 488.
 Constructed at difficult site, 547.
 Binga
 Sloping core dam, 231.
 Bou-Haniffa
 Asphaltic concrete, 440.
 Compression in rockfill, 142.
 Brownlee
 "Brownlee Sloping Core Dam," Torald Mundal (with discussion), 520.
 Settlement data, 559.
 Stability analysis, 547.
 Bucks Creek
 Thin placed rock, 77.
 Caritaya
 Asphaltic concrete deck, 440.
 Cedar Cliff
 "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
 Cheakamus
 "Kenney and Cheakamus Dams," William G. Huber (with discussion), 255.
 Settlement and leakage, 274.
 Cherry Valley
 "Cherry Valley Central Core Dam," H. E. Lloyd, O. L. Moore, and W. F. Getts (with discussion), 336.
- Chilhowee
 "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
 Cogoli
 Earthquake's effect, 296.
 Cogswell
 "Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
 Rainstorm's effect on dam, 141.
 Settlement and cracking of San Gabriel No. 2, 297.
 Corella River
 Water-supply dam, 620.
 Cougar
 "Design of Cougar Central Core Dam," Paul Thurber (with discussion), 660.
 Courtright
 Comparison with Paradela, 393.
 Settlement data, 632.
 "Wishon and Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 587.
 Dalles Closure
 "Dalles Closure Dam," Robert J. Pope (with discussion), 473.
 Derbendi Khan
 "Derbendi Khan Dam," Calvin V. Davis (with discussion), 635.
 Diga di Codelago
 Asphaltic concrete deck, 440.
 Dix River
 "Dix River Dam," Lewis A. Schmidt, Jr., (with discussion), 1.
 East Fork
 "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
 El Vado
 "Steel-Faced Dam," James L. Sherard, 465.
 Fedala
 Asphaltic concrete deck, 441.
 Fordyce
 Dumped rockfill, 77.
 Furnas
 Composite fill-type structure, 584.
 Genkel
 Asphaltic concrete deck, 441.
 Ghrib
 Asphaltic concrete deck, 441.
 Goschenen
 Thin central core, 575.
 Henne
 Asphaltic concrete deck, 441.

DAMS, ROCKFILL (Name)(continued)

- Hirfanli
 - Sloping Core dam, 227.
- Iril-Emda
 - Asphaltic concrete deck, 441.
- Ishibuchi
 - Concrete face dam, 119.
- Kajakal
 - "Design and Construction Problems," D. J. Bleifuss and James P. Hawke (with discussion), 275.
 - "Kajakal Central Core Dam, Afghanistan," Glenn F. Sudman (with discussion), 301.
- Kenney
 - "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 - "Design and Construction Problems," D. J. Bleifuss and James P. Hawke (with discussion), 275.
 - "Kenney and Cheakamus Dams," William G. Huber (with discussion), 255.
 - Settlement data, 268.
- La Jole
 - Timber facing, 297.
- Leichhard River
 - Water-supply dam, 620.
- Lemolo No. 1
 - "Lemolo No. 1 Dam," J. C. Boyle and W. R. Barrows, 322.
- Listing, with statistics, 81, 696-699.
- Lower Bear River
 - Comparison with Paradela, 393.
 - "Salt Springs and Lower Bear River Concrete Face Dams," I. C. Steele and J. B. Cooke (with discussion), 74.
 - Statistical data, 590.
- Makio
 - Thin central core, 654.
- Meadow Lake
 - Rehabilitation of face, 76.
- Messaure
 - Thin central core, 576.
- Miboro
 - Sloping core dam, 551.
- Montgomery
 - "Montgomery Dam with Asphaltic Concrete Deck," F. W. Scheidenhelm, John B. Snethlage, and Arthur N. Vanderlip (with discussion), 431.
- Morena
 - Large rock pieces, 60.
- Mud Mountain
 - "Mud Mountain Dam" Allen S. Cary (with discussion), 183.
- Mulungushi
 - Asphaltic concrete deck, 441.
- Nantahala
 - "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.

- "Nantahala Sloping Core Dam," James P. Growdon (with discussion), 160.
- "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
- Nottely
 - "TVA Central Core Dams," George K. Leonard and Oliver H. Raine (with discussion), 190.
- Nozori
 - Concrete face, 126.
- Oued-Sarno
 - Asphaltic concrete deck, 441.
- Paradela
 - "Foundation Treatment of Paradela Dam," Walter J. Weyermann (with discussion), 419.
 - Lateral movement, 266.
 - "Paradela Concrete Face Dam," Luis Henrique Gomes Fernandes, Edgard de Oliveira, and Nuno de Vasconcelos Porto (with discussion), 365.
- Pinzanes
 - Thin placed rock, 116.
- Queens Creek
 - "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 - "Performance at Sloping Core Dams," James P. Growdon (with discussion), 237.
- Quoich
 - Concrete face dam, 136.
- Relief
 - Thick section of placed rock, 77.
- Rio Lagartijo
 - "Steel-Faced Dam," James L. Sherard, 465.
- Salazar
 - Steel faced dam, 397.
- Salt Springs
 - Comparison with Paradela, 393.
 - "Salt Springs and Lower Bear River Concrete Face Dams," I. C. Steele and J. Barry Cooke (with discussion), 74.
 - Salt Springs settlement, 266.
 - Statistical data, 590.
- San Gabriel
 - "Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
- San Gabriel No. 2 (Cogswell)
 - Settlement and cracking, 297.
- Schevelinger
 - Asphaltic concrete deck, 441.
- Skagway
 - "Steel-Faced Dam," James L. Sherard, 465.
- South Holston
 - "TVA Central Core Dams" George K. Leonard and Oliver H. Raine (with discussion), 190.

DAMS, ROCKFILL (Name)(continued)

- Strawberry
 - Thin placed rock, 77:
- Trangsalet
 - Similarity with Brownlee dam, 564.
- Turawa
 - Asphaltic concrete deck, 442.
- Upper Bear River
 - Overtopping of dam, 296.
 - Thin placed rock, 76.
- Vale Do Gaio
 - Asphaltic concrete core, 441.
- Vrla II
 - Asphaltic concrete deck, 441.
- Watauga
 - "TVA Central Core Dams," George K. Leonard and Oliver H. Raine (with discussion), 190.
- Wishon
 - Comparison with Paradela, 393.
 - Settlement data, 626.
 - "Wishon Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 587.
- Wolf Creek
 - "Dams with Sloping Earth Cores," James P. Growdon (with discussion), 207.
 - "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.

FOUNDATIONS

- "Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
- "Foundation Treatment of Paradela Dam," Walter J. Weyermann (with discussion), 419.
- "Kajakai Central Core Dam, Afghanistan," Glenn F. Sudman (with discussion), 301.
- "Dix River Dam," Lewis A. Schmidt, Jr. (with discussion), 1.

GEOLOGY

- "Bersimis Sloping Core Dams," F. W. Patterson and D. H. Mac Donald (with discussion), 488.
- "Derbendi Khan Dam," Calvin V. Davis (with discussion), 635.

- "Design of Cougar Central Core Dam," Paul Thurber (with discussion), 680.

GROUTING

- "Dix River Dam," Lewis A. Schmidt, Jr. (with discussion), 1.
- "Foundation Treatment of Paradela Dam," Walter J. Weyermann (with discussion), 419.

PLATES

- "Steel-Faced Dam," J. L. Sherard, 465.

SEEPAGE

- Analysis of seepage through rockfill dams, 622.
- "Cherry Valley Central Core Dam," H. E. Lloyd, O. L. Moore, and W. F. Getts (with discussion), 336.
- "Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
- "Dix River Dam," Lewis A. Schmidt, Jr. (with discussion), 1.

SETTLEMENT

- "Cherry Valley Central Core Dam," H. E. Lloyd, O. L. Moore, and W. F. Getts (with discussion), 336.
- "Cogswell and San Gabriel Dams," Paul Baumann (with discussion), 29.
- "Kenney and Cheakamus Dams," William G. Huber (with discussion), 255.
- Montgomery dam, 458.
- "Performance of Sloping Core Dams," James P. Growdon (with discussion), 237.
- "Salt Springs and Lower Bear River Concrete Face Dams," I. C. Steele and J. Barry Cooke (with discussion), 74.
- "TVA Central Core Dams," George K. Leonard and Oliver H. Raine (with discussion), 190.
- "Wishon and Courtright Concrete Face Dams," J. Barry Cooke (with discussion), 587.

TERMINOLOGY

- Rockfill-dam components defined, 275.
- Rockfill dams defined, 679.

AUTHOR INDEX

- BARROWS, W. R.**
 "Lemolo No. 1 Dam," with J. C. Boyle, 322.
- BAUMANN, PAUL**
 "Cogswell and San Gabriel Dams," 29.
- BLEIFUSS, D. J.**
 "Design and Construction Problems," with James P. Hawke, 275.
- BOWMAN, WALDO G.**
 Nantahala dam, 181.
- BOYLE, J. C.**
 "Lemolo No. 1 Dam," with W. R. Barrows, 322.
- BROWN, W. A.**
 Cogswell and San Gabriel dams, 58.
- CARLOS, ARMANDO DA PALMA**
 Parabela dam, 397.
- CARY, ALLEN S.**
 "Mud Mountain Dam," 183.
- CONDIT, G. H.**
 Brownlee dam, 559.
- COOKE, J. BARRY**
 Brownlee dam, 575.
 Cougar dam, 671.
 Kenney and Cheakamus dams, 266.
 Mud Mountain dam, 186.
 Parabela dam, 393.
 "Salt Springs and Lower Bear River Concrete Face Dams," with I. C. Steele, 74.
 "Wishon and Courtright Concrete Face Dams," 587.
- DAVEY, GEOFFREY I.**
 Salt Springs and Lower Bear River Dams, 119.
 Wishon and Courtright concrete face dams, 619.
- DAVIS, CALVIN V.**
 "Derbendi Khan Dam," 635
- DEOLIVEIRA, EDGARD**
 "Parabela Concrete Face Dam," with Luis Henrique Gomes Fernandes and Nuno de Vasconcelos Porto, 365.
- DODD, JOSEPH C.**
 Cherry Valley dam, 360.
- ELSTON, JUDSON P.**
 Parabela Dam Foundation, 427.
- FERNANDES, LUIS HENRIQUE GOMES**
 "Parabela Concrete Face Dam," with Edgard de Oliveira and Nuno de Vasconcelos Porto, 365.
- FETZER, CLAUDE A.**
 Cogswell and San Gabriel dams, with Elton G. Knight, 62.
- GETTS, W. F.**
 "Cherry Valley Central Core Dam" with H. E. Lloyd and O. L. Moore, 336.
- GROWDON, JAMES P.**
 "Dams with Sloping Earth Cores," 207.
 "Nantahala Sloping Core Dam," 160.
 "Performance of Sloping Core Dams," 237.
- HAWKE, JAMES P.**
 "Design and Construction Problems," with D. J. Bleifuss, 275.
- HSU, HUAL-YUN**
 Brownlee dam, 547.
- HUBER, WILLIAM G.**
 "Kenney and Cheakamus Dams," 255.
- ITO, REIJO**
 Brownlee dam, 551.
- KAWASE, MASATOSHI**
 Salt Springs and Lower Bear River dams, 119.
- KNIGHT, ELTON G.**
 Cogswell and San Gabriel dams, with Claude A. Fetzer, 62.
- KOCH, G. ROBERT**
 Review and statistics, 700.
- LANNER, VILGOT**
 Brownlee dam, 564.
- LAWTON, F. L.**
 Bersimis dams, 517.
 Brownlee Dam, 546.
 Cherry Valley dam, 361.
 Cogswell and San Gabriel dams, 61.
 Dalles closure dam, 486.
 Dix River dam, 27.
 Kajakal dam, 301.
 Kenney and Cheakamus dams, 266.
 Mud Mountain dam, 187.
 Nantahala dam, 181.
 Parabela Dam Foundation, 428.
 Review and statistics, 700.
 Salt Springs and Lower Bear River dams, 135.
 Sloping core dams, 253.
 TVA dams, 206.
- LEONARD, GEORGE K.**
 Brownlee dam, 545.
 "TVA Central Core Dams," with Oliver H. Raine, 190.

- LLOYD, H. E.
 "Cherry Valley Central Core Dam,"
 with O. L. Moore and W. F. Getts, 336.
- LOWE, JOHN, III
 Sloping earth core Dams, 227.
- MacDONALD, D. H.
 "Bersimis Sloping Core Dams," with
 F. W. Patterson, 488.
- MIZUKOSHI, TATSUO
 Salt Springs and Lower Bear River
 dams, 126.
- MOORE, O. L.
 "Cherry Valley Central Core Dam,"
 with H. E. Lloyd and W. F. Getts, 336.
- MUNDAL, TORALD
 "Brownlee Sloping Core Dam," 520.
 Sloping earth core Dams, 226.
- PATTERSON, F. W.
 "Bersimis Sloping Core Dams," with
 D. H. Mac Donald, 488.
- POPE, ROBERT J.
 "Dalles Closure Dam," 473.
- PORTER, HARRIS C.
 Cogswell and San Gabriel dams, 63.
- PORTO, NUNO DE VASCONCELOS
 "Paradela Concrete Face Dam," with
 Luis Henrique Gomes Fernandes and
 Edgard de Oliveira, 365.
- RAINE, OLIVER H.
 "TVA Central Core Dams," with George
 K. Leonard, 190.
- ROBERTS, C. M.
 Salt Springs and Lower Bear River
 dams, 136.
- SAKURAI, S.
 Derbendi Khan dam, 654.
- SCHEIDENHELM, F. W.
 "Montgomery Dam with Asphaltic Con-
 crete Deck," with John B. Snethlage
 and Arthur N. Vanderlip, 431.
 "Review and Statistics," with John B.
 Snethlage and Arthur N. Vanderlip,
 678.
- SCHMIDT, LEWIS A., JR.
 "Dix River Dam," 1.
- SCOTT, G. R.
 Montgomery Dam, 458.
- SHERARD, JAMES L.
 Montgomery Dam, 461.
 "Steel-Faced Dam," 465.
- SNETHLAGE, JOHN B.
 "Montgomery Dam with Asphaltic Con-
 crete Deck," with F. W. Scheidenhelm
 and Arthur N. Vanderlip, 431.
 "Review and Statistics," with F. W.
 Scheidenhelm and Arthur N. Vanderlip,
 678.
- SPIELMAN, JOHN V.
 Cogswell and San Gabriel dams, 60.
- STEELE, I. C.
 Design and construction problems, 295.
 "Salt Springs and Lower Bear River Con-
 crete Face Dams," with J. B. Cooke, 74.
- SUDMAN, GLENN F.
 "Kajakai Central Core Dam, Afghan-
 istan," 301.
- TERCERO, CARLOS
 Salt Springs and Lower Bear River
 dams, 116.
- TERZAGHI, KARL
 Salt Springs and Lower Bear River
 dams, 139.
 Wishon and Courtright concrete face
 dams, 622.
- THURBER, PAUL
 "Design of Cougar Central Core Dam,"
 660.
- VANDERLIP, ARTHUR N.
 "Montgomery Dam with Asphaltic Con-
 crete Deck," with John B. Snethlage
 and F. W. Scheidenhelm, 431.
 "Review and Statistics," with John B.
 Snethlage and F. W. Scheidenhelm,
 678.
- WEYERMANN, WALTER J.
 "Foundation Treatment of Paradela
 Dam," 419.

,

1-
74.